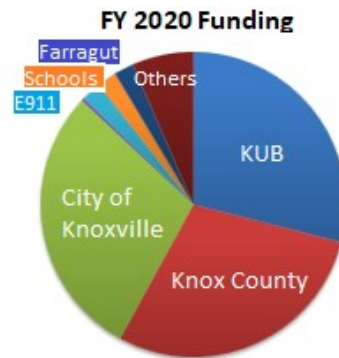# KGIS OVERVIEW

The KGIS organization was formed in 1985 when the City of Knoxville, KUB and Knox County entered into a "Tri Party Agreement" to establish a centralized mapping system to be shared by each.

*KGIS was the nation's first municipally organized Geographic Information System that involved both local governments and utilities **together sharing a single system!***

The **KGIS Management Office**, which consists of seven employees located at 606 Main Street, is responsible for coordinating with the City, County and KUB mapping departments to ensure that the central database repository remains "up-to-date", accurate and easily accessible. In addition to hosting the KGIS family of websites, the Management Office provides technical services and map products to an increasingly wide audience throughout the region.

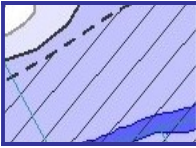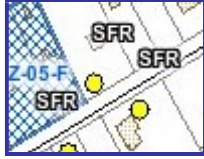**FY 2020 Funding**

Examples of
KGIS-Integrated Processes

- KUB **Outage Management**
- E911 **Computer Dispatch**
- Schools **Bus Routing**
- City **Permit Tracking**
- Property Assessor **Mass Appraisal**

Integration. In its early stages, GIS technology was mostly used by the Engineering or Utilities departments. But today, KGIS-related tools are deployed **across all departments**, and KGIS data is integral to many key business processes within our local government and utilities. The KGIS system is unique in that it directly links to each of the City, County and KUB information networks, thereby acting as a conduit of information between those organizations.

The Future. KGIS is continually updating its suite of maps, software and services to take advantage of latest technologies. **KGIS' public website** (www.kgis.org) provides access to the latest web maps and apps, including links to other sites hosted by our partner organizations. The GIS map editing software used by KGIS and its partner agencies is scheduled for significant upgrades in the next two-three years. KGIS has adopted a 2-year cycle for acquiring new aerial photography (most recently flown in spring 2018), and an 8-year cycle of updating its **landbase** (which includes topographic contours, building footprints, etc., and which was most recently updated in Spring 2016.)

Shaded Relief | Flood Zones | Photography
Public Land | Permits | Subdivisions

What's in the KGIS database?

- Aerial Photography
- Topographic Contours
- Addresses
- Emergency Response Zones
- Utilities
- School Zones
- Property Ownership
- Zoning / LandUse
- Subdivisions
- Voting Districts

More than 195 distinct layers of information!